

Electronic Filing System (EFS) Data

Electronic Patent Application Submission

USPTO Use Only

EFS ID:	20193	
Application ID:	10065822	
Title of Invention:	CAM CELL WITH INTERDIGITATED SEARCH AND BIT LINES	
First Named Inventor:	Robert Busch	
Domestic/Foreign Application:	Domestic Application	
Filing Date:	null	
Effective Receipt Date:	2002-11-22	
Submission Type:	Utility Patent Filing	
Filing Type:	new-utility	
Confirmation Number:	0	
Attorney Docket Number:	FIS920010190	
Digital Certificate Holder:	cn=Robert A. Walsh, ou=Registered Attorneys, ou=Patent and Trademark Office, ou=Department of Commerce, o=U.S. Government, c=US	
Certificate Message Digest:	9quPNlKjd7e4GXmq9mrl3A==	
Total Fees Authorized:	\$780.0	
Payment Category:	DA - Deposit Account	
Deposit Account Number:	90456	
Deposit Account Name:	Robert A. Walsh	

TRANSMITTAL FORM



Electronic Version 1.0.3

Stylesheet Version: 1.0

Submission Type: Utility
Patent Filing

Attorney Docket
Number:

FIS920010190

CAM CELL WITH INTERDIGITATED SEARCH AND BIT LINES

First Named Inventor: Mr. Robert E. Busch

SUBMITTED BY

Name:	Robert A. Walsh
Registration Number:	26,516
Electronic Signature Mark: Robert A. Walsh /s/	Date Signed: 20021122

I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.

I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Attached Files:

declaration	FIS920010190US1Dec1.tif
declaration	FIS920010190US1Dec2.tif
declaration	FIS920010190US1Dec3.tif
declaration	FIS920010190US1Dec4.tif

bid-transmittal
us-information-disclosure-statement
patent-assignments
fee-transmittal
specification

FIS920010190US1RAWapds.xml
FIS920010190US1RAWids.xml
FIS920010190US1RAWasn.xml
FIS920010190US1RAWfee.xml
FIS920010190US1.xml

Attached Image File(s):

FIS920010190US1Dec1.tif
FIS920010190US1Dec2.tif
FIS920010190US1Dec3.tif
FIS920010190US1Dec4.tif

Comments:

Assignee: International Business Machines Corporation Address: Armonk, NY

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: CAM CELL WITH INTERDIGITATED SEARCH AND BIT LINES

the specification of which:
(check one)

☒ is attached hereto.

☐ was filed on _____, as Application Serial No. _____ and was amended on _____.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):

Number	Country	Day/Month/Year	Priority Claimed
--------	---------	----------------	------------------

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. Applications:

Serial No.	Filing Date	Status
------------	-------------	--------

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: Anthony J. Canale, (Reg. No. 51,526), Mark F. Chadurjian (Reg. No. 30,739), Richard M. Kotulak (Reg. No. 27,712), William D. Sabo (Reg. No. 27,465), Robert A. Walsh (Reg. No. 26,516), Richard A. Henkler (Reg. No. 39,220), Stanley B. Green (Reg. No. 24,351), Christopher A. Hughes (Reg. No. 26,914), John E. Hoel (Reg. No. 26,279), Joseph C. Redmond, Jr. (Reg. No. 18,753), Sean M. McGinn (Reg. No. 34,386), and Frederick W. Gibb, III (Reg. No. 37,629).

Send all correspondence to: McGinn & Gibb, PLLC, 2568-A Riva Road, Suite 304, Annapolis, Maryland 21401. Customer No. 29154

Telephone calls should be directed to McGinn & Gibb, PLLC at (410) 573-1545.

(1) Inventor: Robert E. Busch

Signature: Robert E. Busch

Date: 11/22/02

Residence: 864 Old Stage Road, Essex Junction, VT 05452

Citizenship: United States of America

Post Office Address: Same as Residence

(2) Inventor: Albert M. Chu

Signature: Albert M. Chu Date: 11/22/02

Residence: 6 Bluestem Road, Essex Junction, VT 05452
Citizenship: USA
Post Office Address: Same as Residence

(3) Inventor: Ezra D. B. Hall

Signature: Ezra D. B. Hall Date: 11/21/02

Residence: ~~201 Hollow Creek Drive, Unit 3, Colchester, VT 05446~~ 1140 JOHANNES BROOK ROAD RICHMOND VT 05477
Citizenship: USA
Post Office Address: Same as Residence

(4) Inventor: Paul C. Parries

Signature: _____ Date: _____

Residence: 32 Tanglewood Drive, Wappingers Falls, NY 12590
Citizenship: USA
Post Office Address: Same as Residence

(5) Inventor: Daryl M. Seizter

Signature: Daryl M. Seizter Date: 11/21/2002

Residence: 95 Blackberry Lane, Huntington, VT 05462
Citizenship: USA
Post Office Address: Same as Residence

F18910010190U81

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: CAM CELL WITH INTERDIGITATED SEARCH AND BIT LINES

the specification of which:
(check one)

☒ is attached hereto.

☐ was filed on _____ as Application Serial No. _____ and was amended on _____.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendments referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):

Number	Country	Day/Month/Year	Priority Claimed
--------	---------	----------------	------------------

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. Applications:

Serial No.	Filing Date	Status
------------	-------------	--------

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: Anthony J. Canale (Reg. No. 51,526), Mark F. Chacharian (Reg. No. 30,739), Richard M. Kotulak (Reg. No. 27,712), William D. Sebo (Reg. No. 27,465), Robert A. Walsh (Reg. No. 26,516), Richard A. Hunkler (Reg. No. 39,220), Stanley B. Green (Reg. No. 24,351), Christopher A. Hughes (Reg. No. 26,914), John E. Hoesl (Reg. No. 26,279), Joseph C. Richmond, Jr. (Reg. No. 18,733), Sean M. McGinn (Reg. No. 34,386), and Frederick W. Gibb, III (Reg. No. 37,629).

Send all correspondence to: McGinn & Gibb, PLLC, 2508-A Riva Road, Suite 304, Annapolis, Maryland 21401. Customer No. 29154

Telephone calls should be directed to McGinn & Gibb, PLLC at (410) 573-1545.

(1) Inventor: Robert E. Busch

Signature: _____ Date: _____

Residence: 864 Old Stage Road, Essex Junction, VT 05452
Citizenship: United States of America
Post Office Address: Same as Residence

NOV 21 2002 15:52 FR LOGIC TECH DEV
NOV 21 2002 14:53 FR DIV 11 LNW

845 892 6654 TO 84468938

P.06

(2) Inventor: Albert M. Chu

Signature: _____ Date: _____

Residence: 6 Bluestem Road, Essex Junction, VT 05452
Citizenship: USA
Post Office Address: Same as Residence

(3) Inventor: Ezra D. B. Hall

Signature: *E. D. B. Hall* Date: 11/21/02

Residence: 101 Hollow Creek Drive, Unit 3, Colchester, VT 05445 1140 JONAH'S BROOK ROAD RICHMOND VT 0547
Citizenship: USA
Post Office Address: Same as Residence

(4) Inventor: Paul C. Parry

Signature: *Paul C. Parry* Date: 11/21/2002

Residence: 32 Tanglewood Drive, Wappingers Falls, NY 12590
Citizenship: USA
Post Office Address: Same as Residence

(5) Inventor: Daryl M. Seitzer

Signature: *D. M. Seitzer* Date: 11/21/2002

Residence: 95 Blackberry Lane, Huntington, VT 05462
Citizenship: USA
Post Office Address: Same as Residence

FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

Patent fees are subject to annual revisions on or about October 1st of each year.

Large Entity

TOTAL FEES AUTHORIZED: \$ 780

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 09-0456



Deposit Account Name: International Business Machines Corporation

SUBMITTED BY

Authorized Name: Robert A. Walsh
 Electronic Signature Mark: Robert A. Walsh /s/
 Date Signed: 20021122

BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	1001	\$ 740

Subtotal For Basic Filing Fee: \$ 740

EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 20	1202	\$ 18	0	\$ 0
Independent Claims: 3	1201	\$ 84	0	\$ 0

Subtotal For Extra Claims Fees: \$ 0

ADDITIONAL FEES

--	--	--	--	--

Fee Description	Number	Quantity	Fee Code	Amount	Fee Paid
Recording Each Patent Assignment Per Property Fee	00000000	1	8021	\$ 40	\$ 40

Subtotal For Additional Fees: \$ 40